<u>Abstract</u>

This invention relates to the regulation of vascular endothelium

5 biocompatibility and to the inhibition of vessel wall cell and other types of cell
hyperplasia following vessel wall dysfunction and/or injury. More particularly, the
invention relates to the dietetic and pharmaceutical preparations of 13hydroxyoctadeca-9Z, 11E-dienoic acid (13-HODE) and its use in reducing or
inhibiting vessel wall hyperlasia and restoring vessel wall biocompatibility.

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